



Title

HCAL
JET
MET

Tau Jet Correction

Pal Hidas

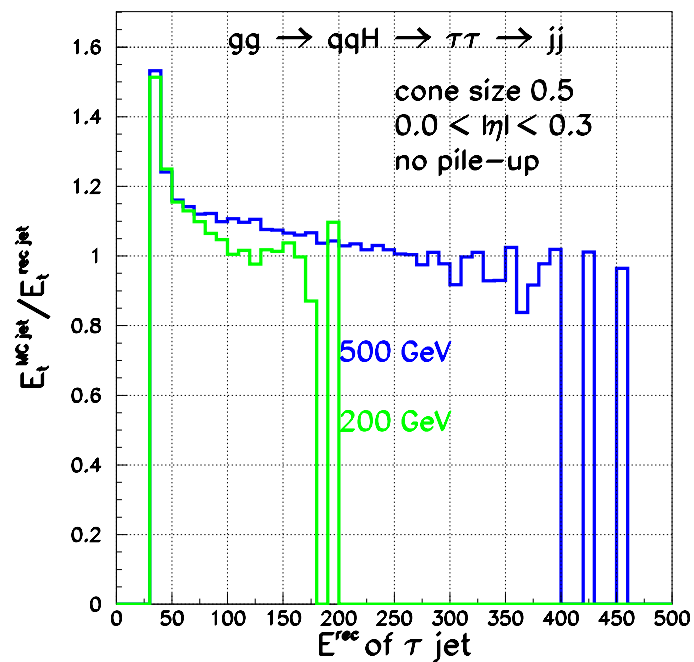
FNAL Batavia / RMKI Budapest



Correction for small eta

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- Very different for 200 and 500 GeV Higgs

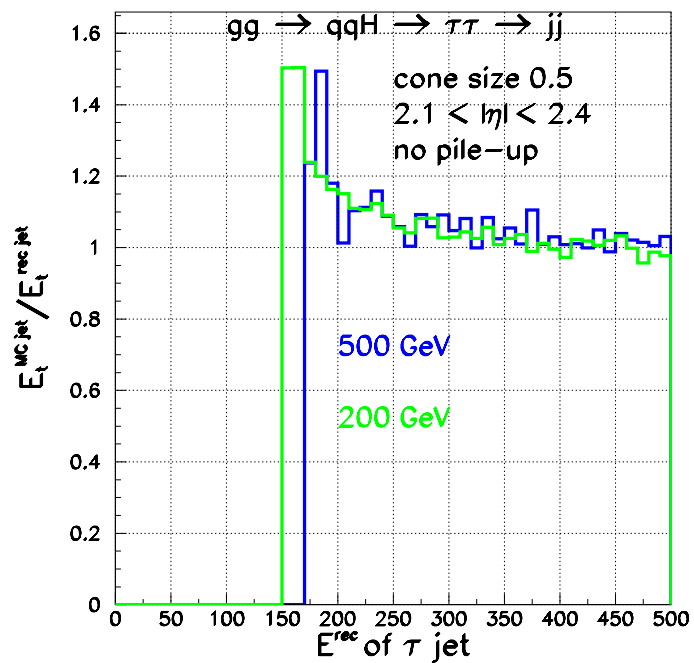




Correction for big eta

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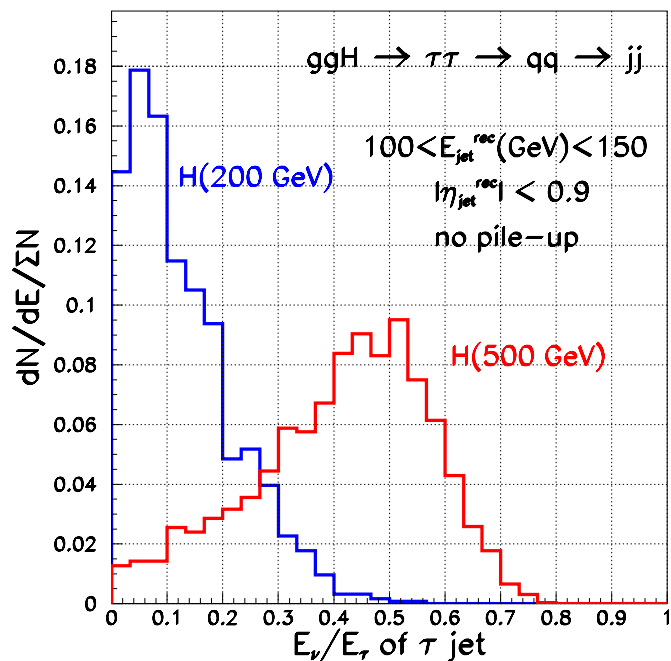
- No difference for 200 and 500 GeV Higgs





Neutrino energy

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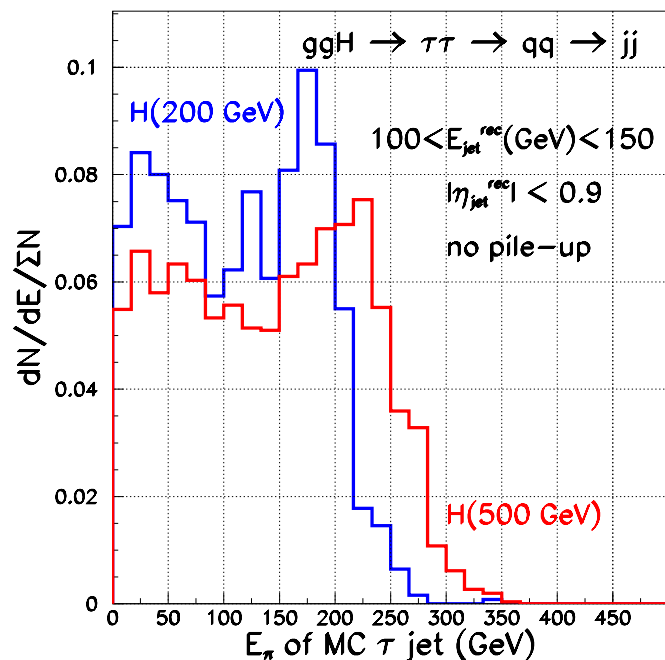


- Jet of same energy coming from lower mass Higgs
 - low energy neutrino
 - multiple body decay
- Jet of same energy coming from higher mass Higgs
 - higher energy neutrino
 - ~ two body decay



Charged Pion Energy

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- Jet of same energy coming from lower mass Higgs

- less pions
- more EM energy

- Jet of same energy coming from higher mass Higgs

- more pions
- less EM energy